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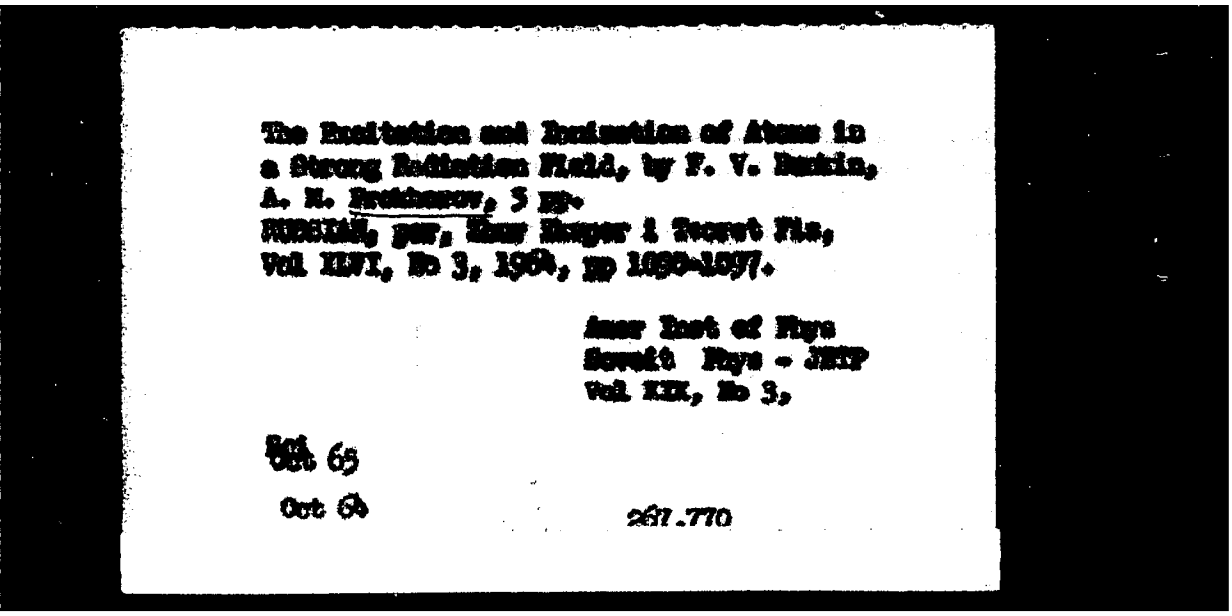

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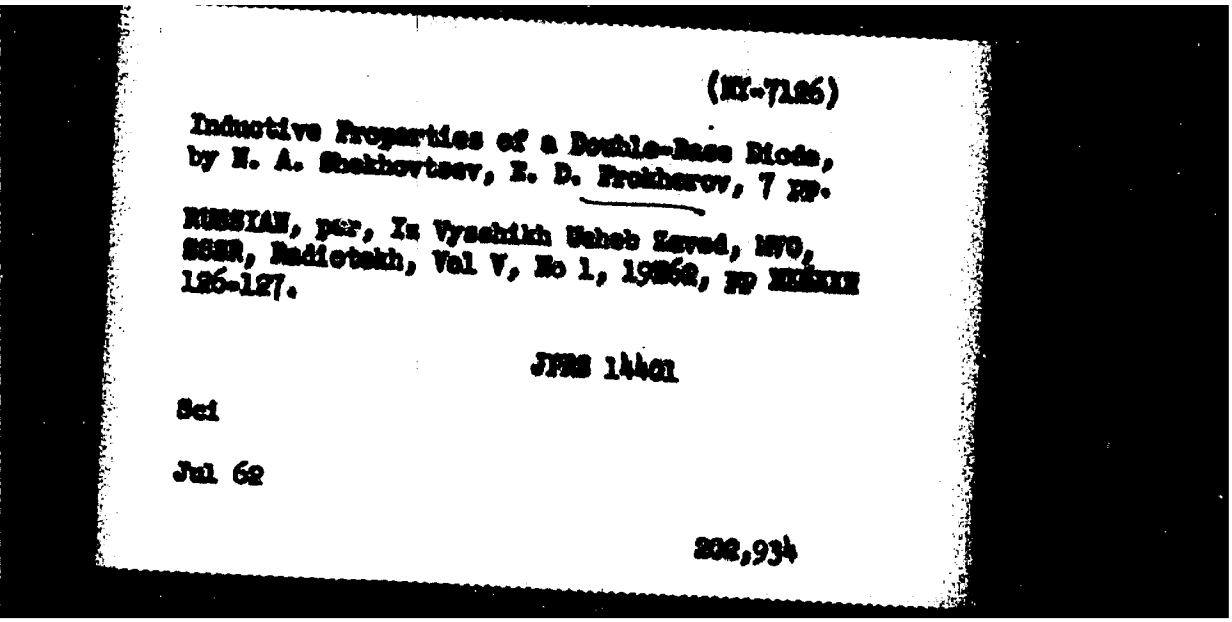

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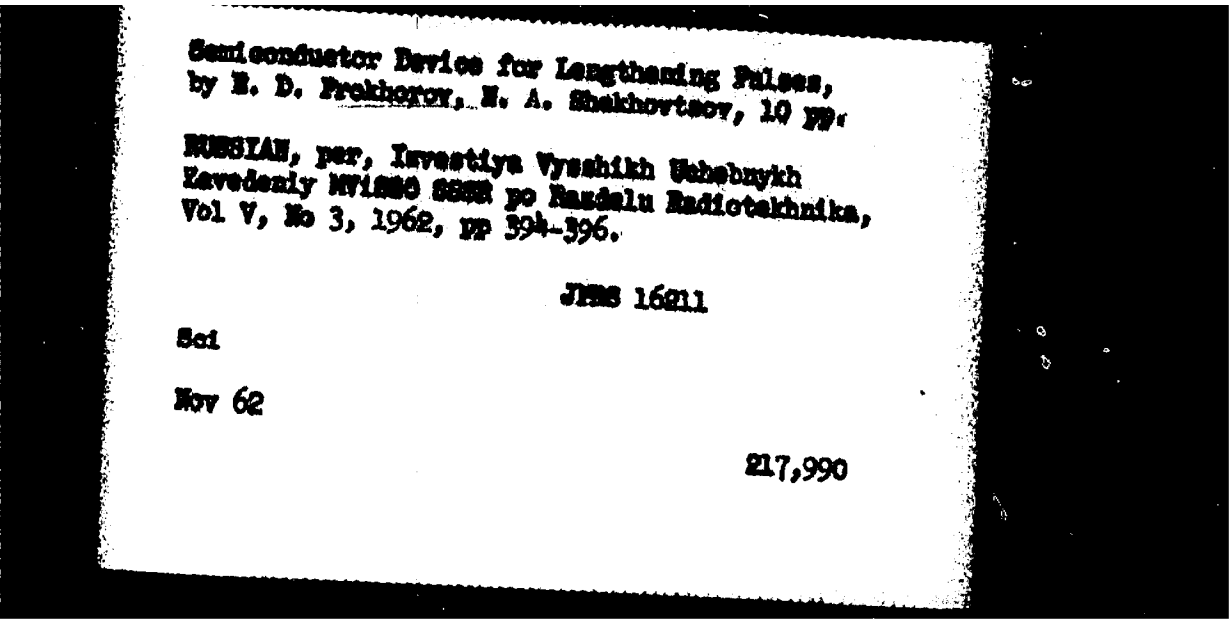

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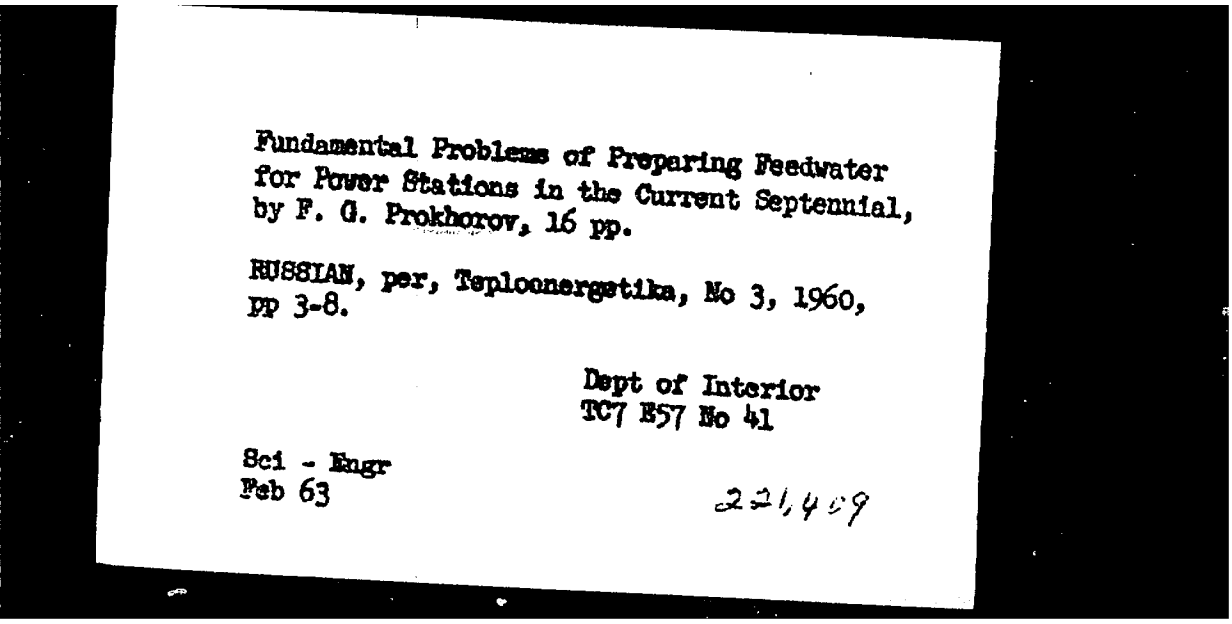

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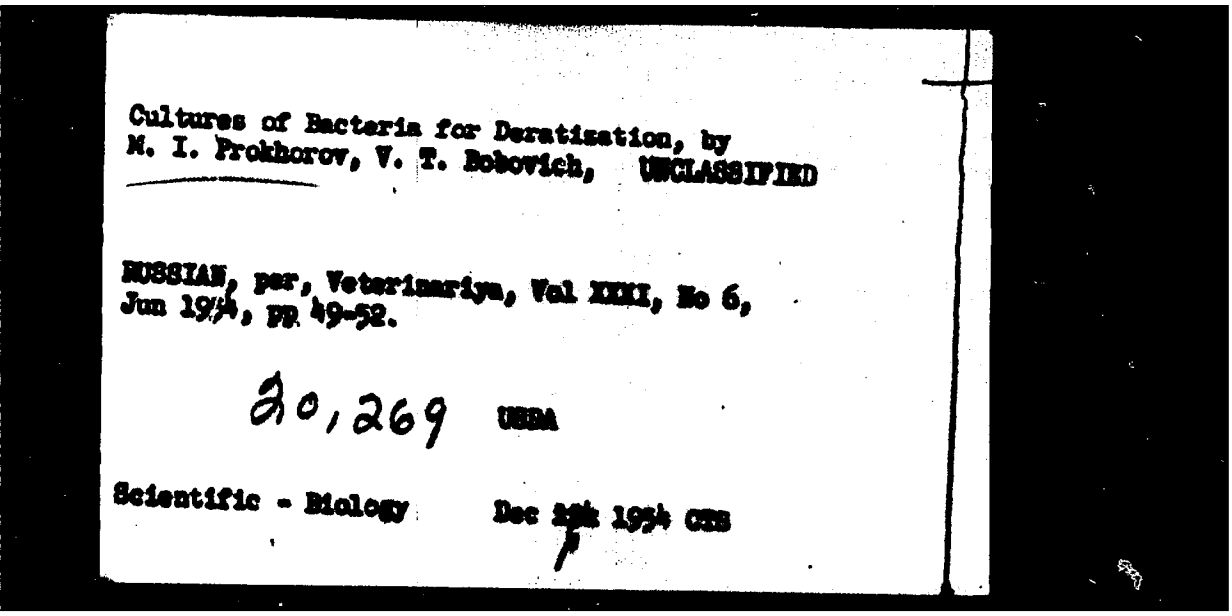

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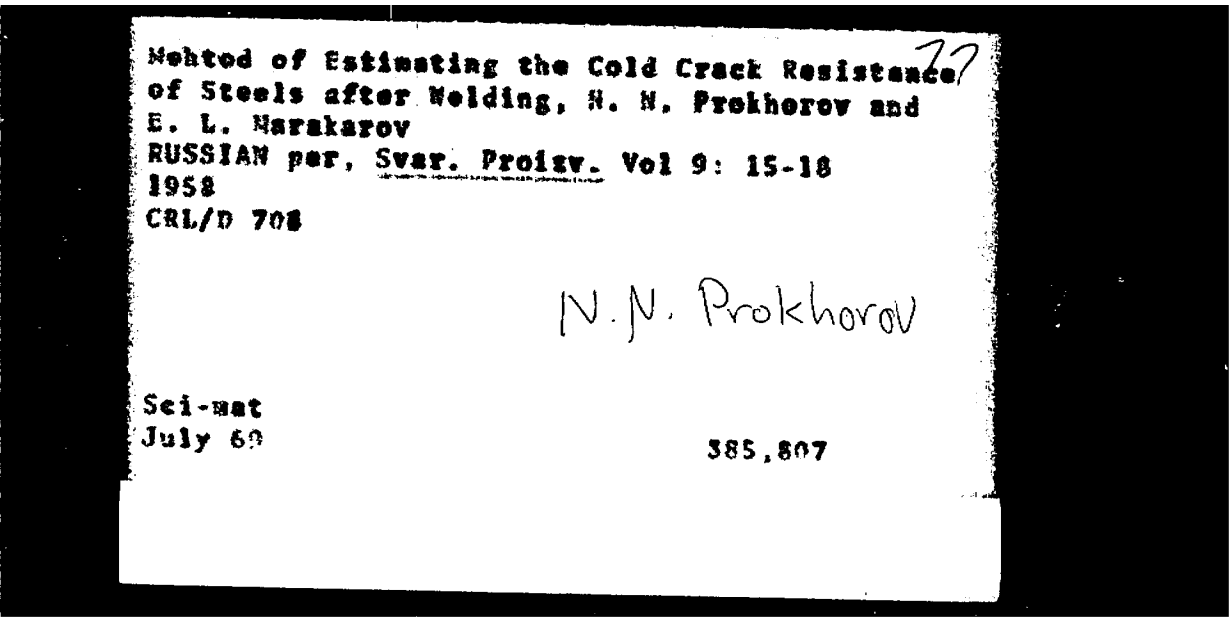

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MECHANICAL PROPERTIES OF ALUMINUM ALLOYS IN THE CRYSTALLIZATION TEMPERATURE RANGE DURING WELDING (Mekhanicheskiye Svoystva Alyuminiyevykh Splavov v Intervale Temperatur Kristallizatsii pri Svarke). Apr 61 [15]p. 5 refs. RTS 1831.
Order from OTS or SLA $1.60 61-19940

Trans. of Svarochnoye Proizvodstvo (USSR) 1958, no. 2, p. 1-6.

DESCRIPTORS: *Aluminum alloys, Mechanical properties, *Crystallization, *Temperature, *Welding, Fracture (Mechanics), Manufacturing methods.

Tests showed that fracture in the brittleness temperature range causes deformations that are concentrated in zones adjacent to the fracture. If the alloy has been heated up to the two-phase temperature, its grains are
(Metallurgy, TT, v. 6, no. 9) (over)

61-19940

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III. RTS-1831
IV. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

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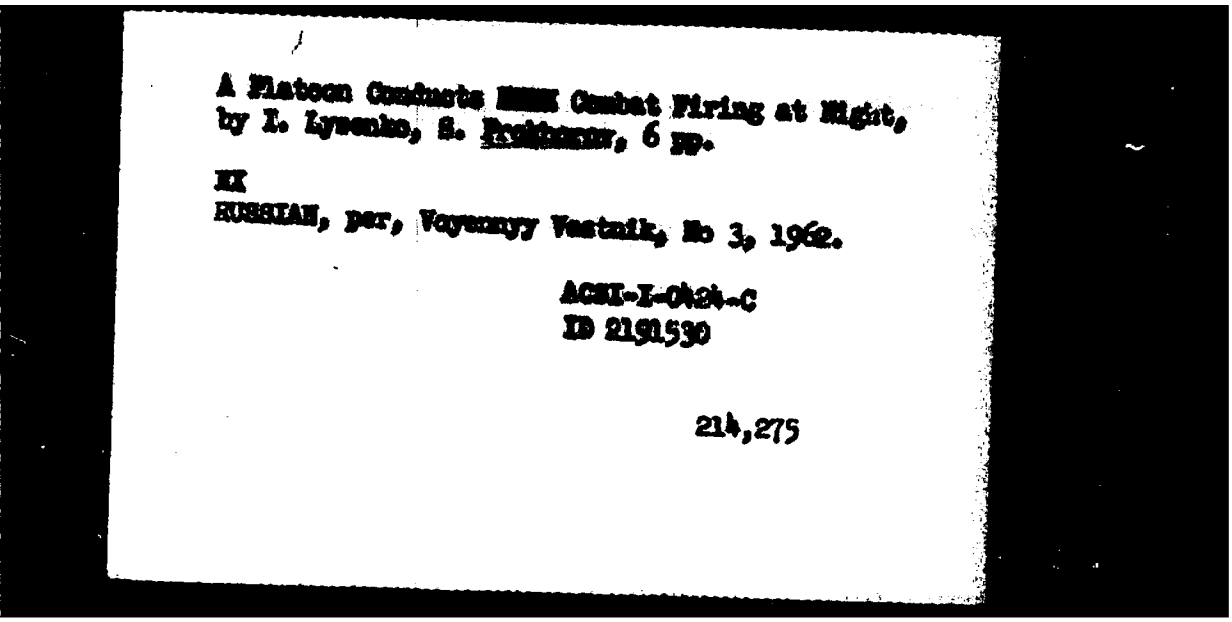

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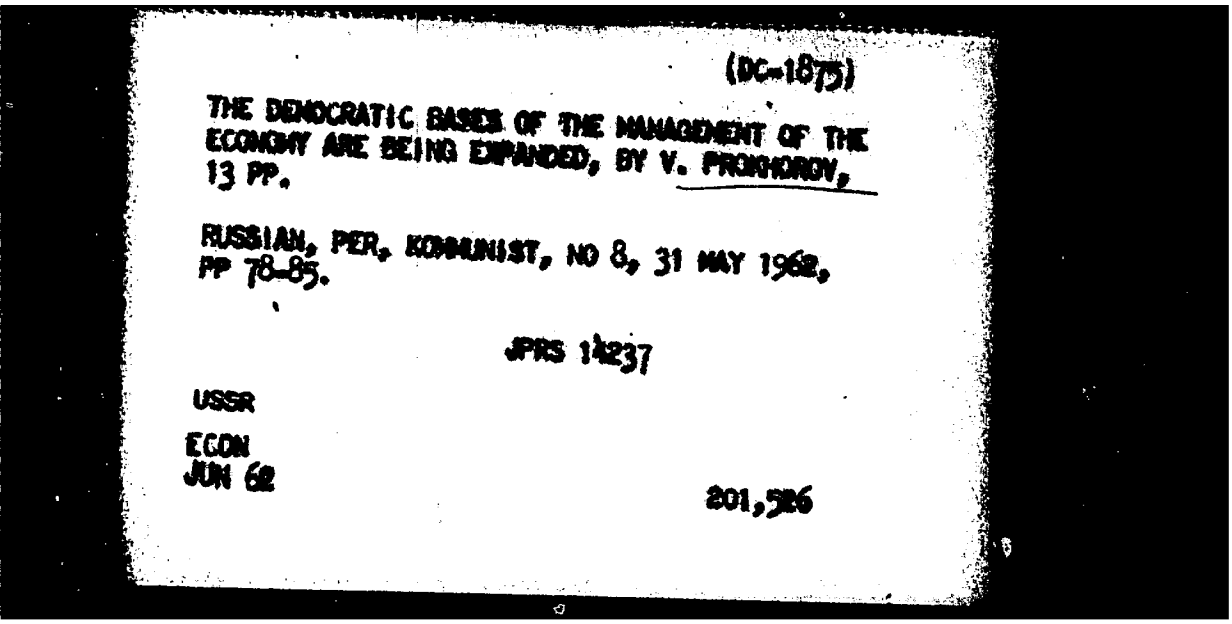

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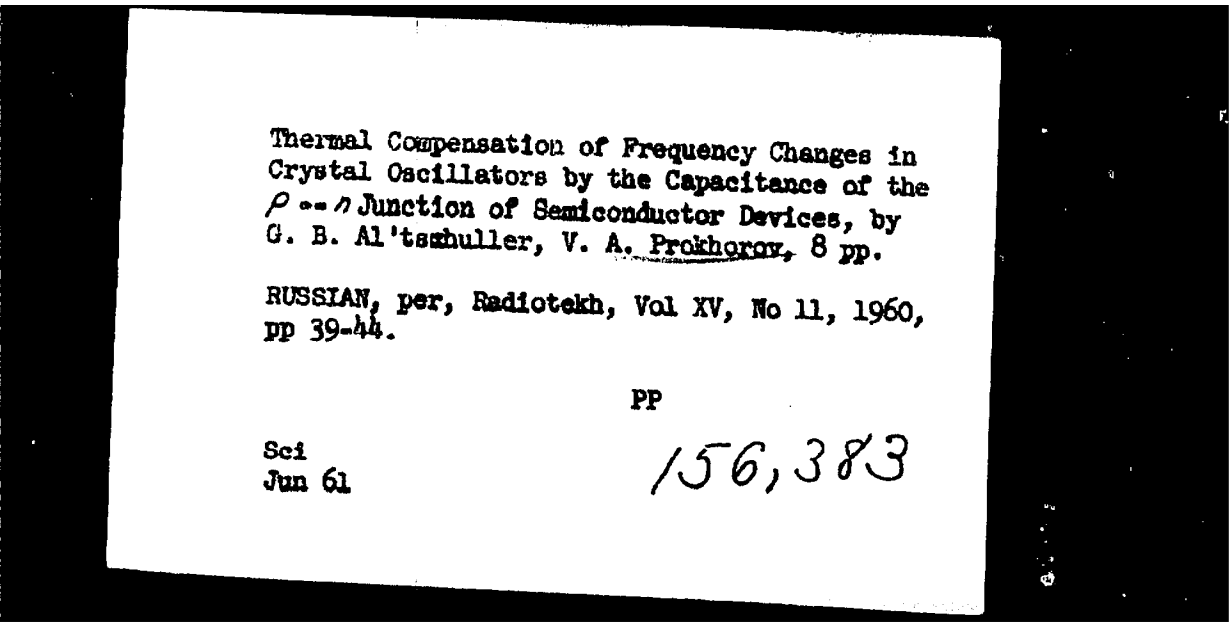

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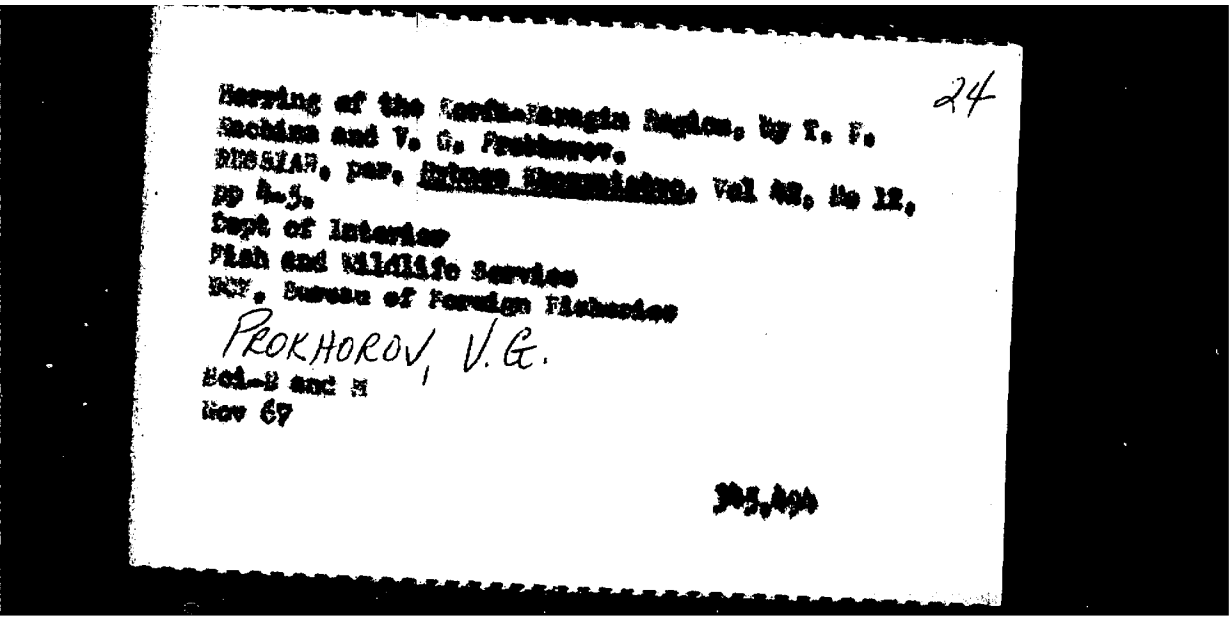

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Order from ATS $5.65 ATS-01N50R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 135, no. 1, p. 84-86.

DESCRIPTORS: *Boron compounds, Synthesis, Properties, Cyclopentadiene.

ATS-AT-3225

(Chemistry--Organic, TT, v. 6, no. 7)

61-25183

I. Prokhorova, A. A.
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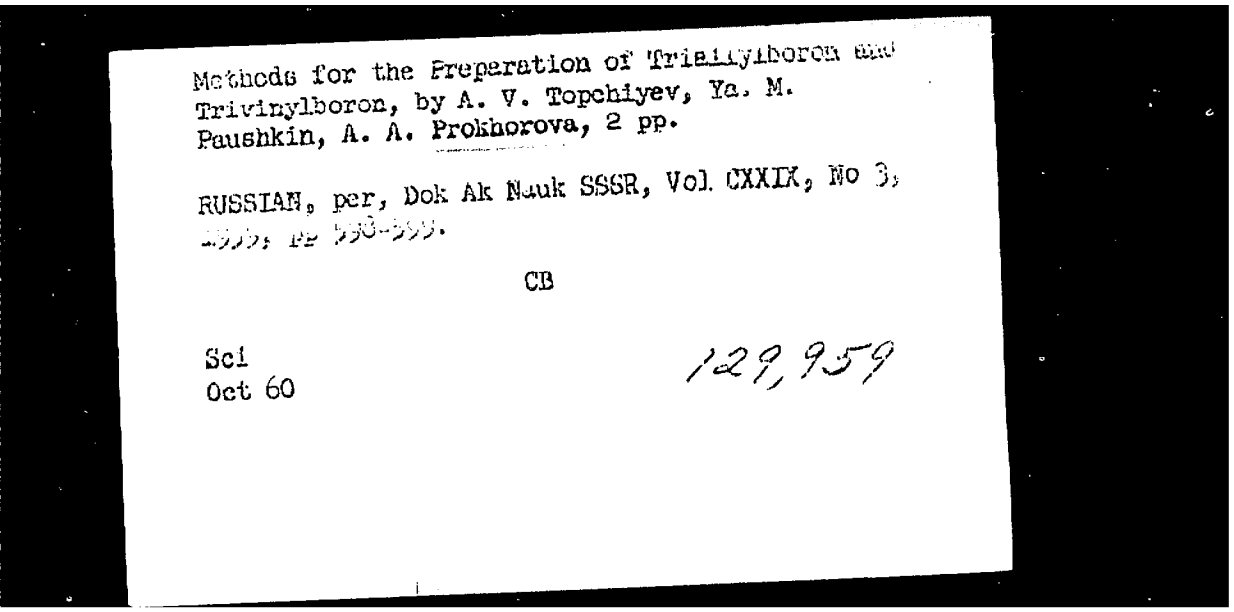

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DESCRIPTORS: *Ion exchange, Exchange reactions.

(Chemistry--Physical, TT, v. 6, no. 4)

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II. FT-611
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